

CT GANTRY BALANCE SYSTEM

Abstract

A method and system for balancing CT gantry mechanisms. Two balance locations are preselected on the rotating base member and stacks of spacers, shims, and weights are provided at each site. Strain gate sensors are provided on the stationary base member and included as part of a sensor circuit. Trial and test runs determine the mass and Z-location of the mass which needs to be added to the system to statically and dynamically balance it.